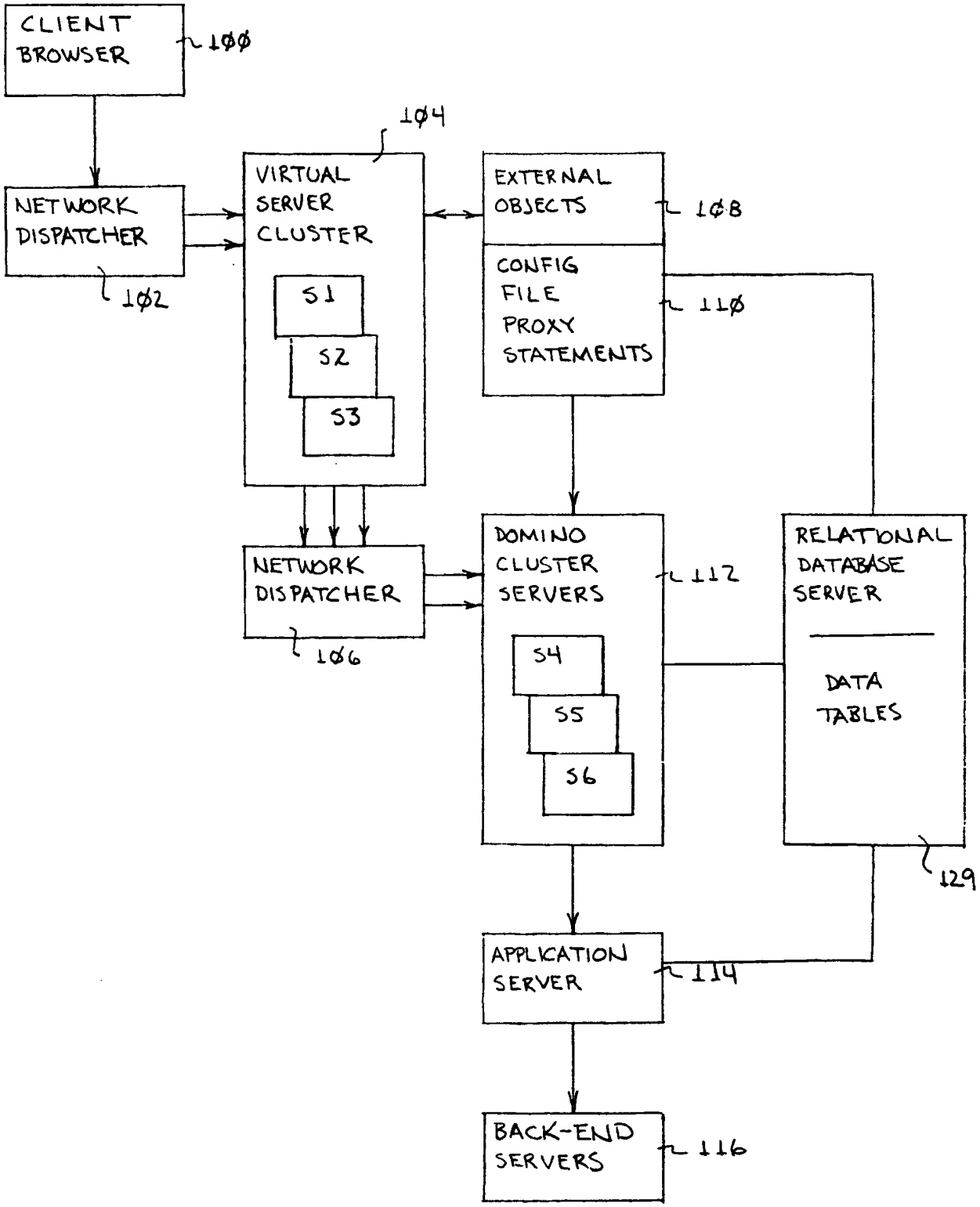
CLIENT BROWSER
1ØØ
1Ø4
VIRTUAL SERVER CLUSTER
S1
S2
S3
NETWORK DISPATCHER
1Ø2
EXTERNAL OBJECTS
1Ø8
CONFIG FILE PROXY STATEMENTS
11Ø
NETWORK DISPATCHER
1Ø6
DOMINO CLUSTER SERVERS
112
S4
S5
S6
RELATIONAL DATABASE SERVER
DATA TABLES
129
APPLICATION SERVER
114
BACK-END SERVERS
116

FIG. 1

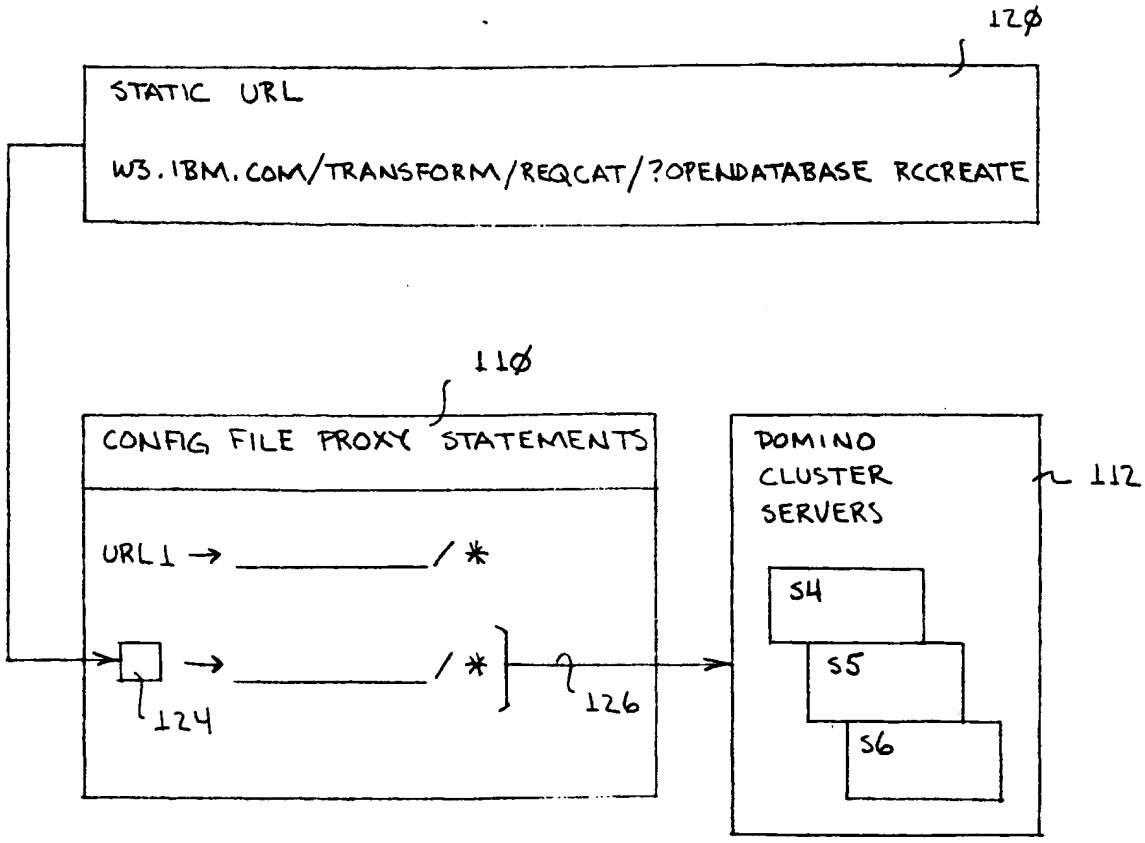
120
STATIC URL
W3.IBM.COM/TRANSFORM/REQCAT/?OPENDATABASE RCCREATE
110
CONFIG FILE PROXY STATEMENTS
URL 1 → _____/*
→ _____/*
124
126
DOMINO CLUSTER SERVERS
112
S4
S5
S6

FIG. 2

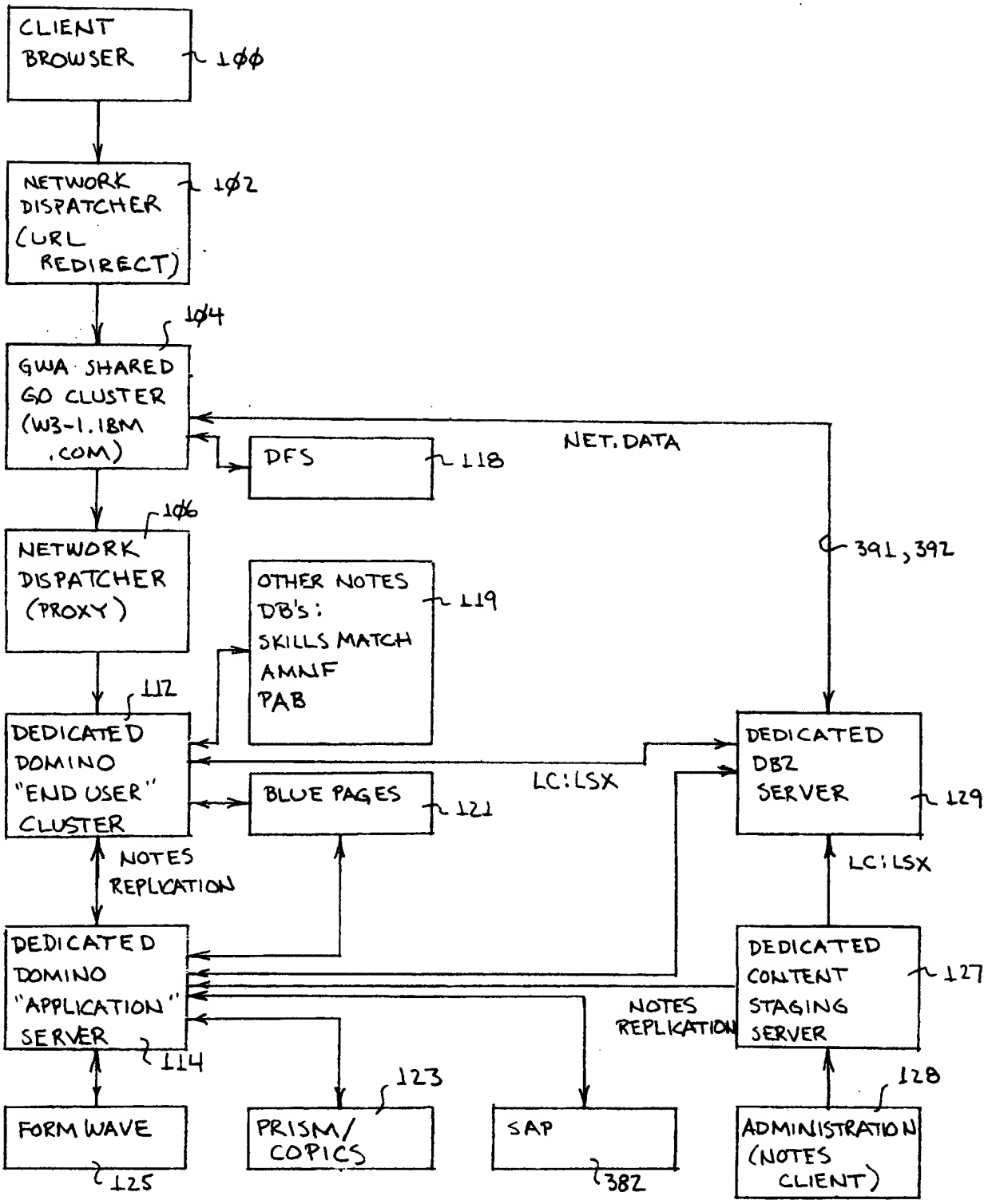
CLIENT BROWSER
1ØØ
NETWORK DISPATCHER (URL REDIRECT)
1Ø2
1Ø4
GWA SHARED GO CLUSTER (W3-1.IBM .COM)
DFS
118
NET. DATA
1Ø6
NETWORK DISPATCHER (PROXY)
391, 392
OTHER NOTES DB's: SKILLS MATCH AMNF PAB
119
112
DEDICATED DOMINO "END USER" CLUSTER
LC:LSX
DEDICATED DB2 SERVER
129
BLUE PAGES
121
NOTES REPLICATION
LC:LSX
DEDICATED DOMINO "APPLICATION" SERVER
114
DEDICATED CONTENT STAGING SERVER
127
NOTES REPLICATION
123
128
FORM WAVE
125
PRISM/ COPICS
SAP
382
ADMINISTRATION (NOTES CLIENT)

FIG. 3

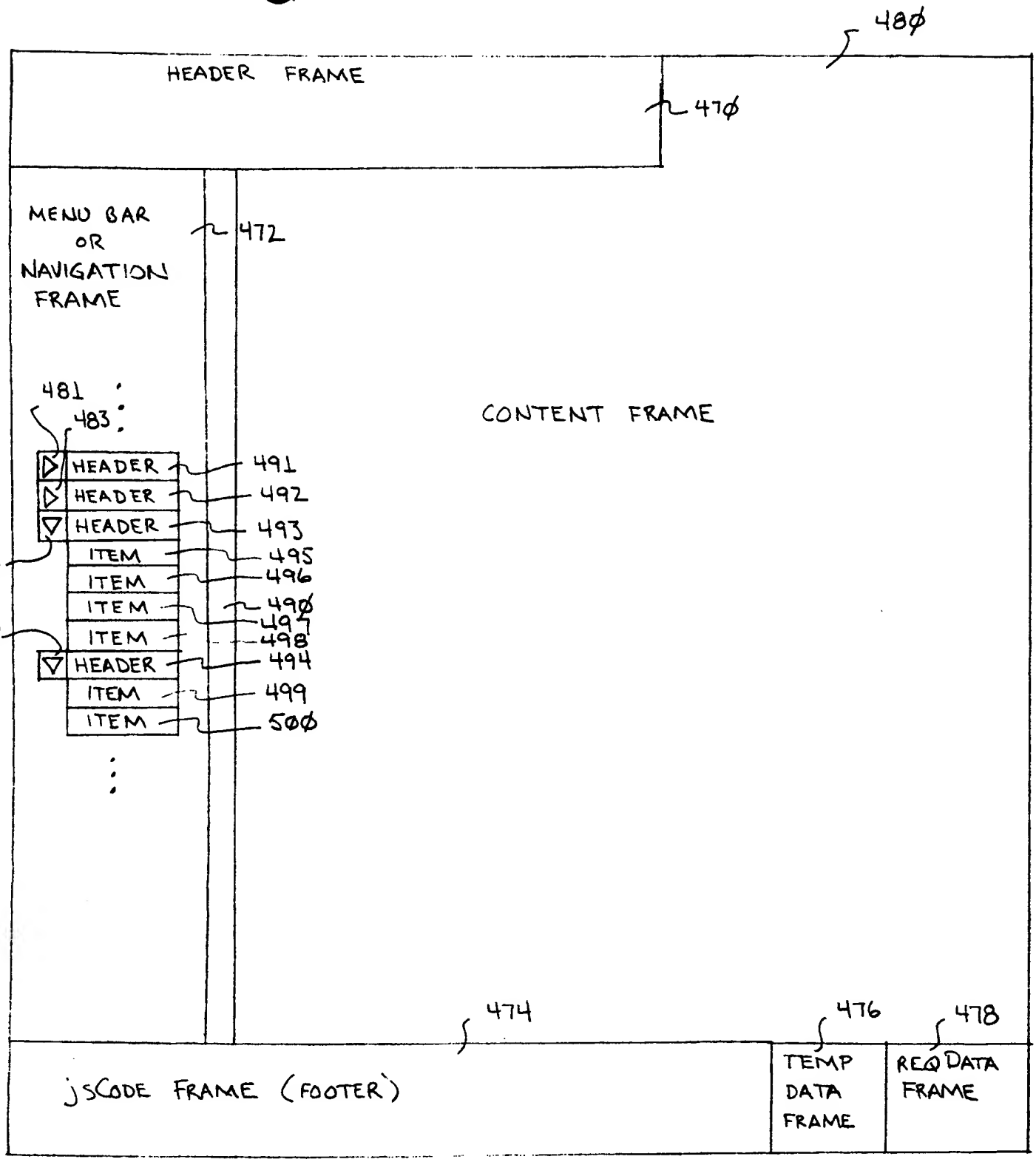
480
HEADER FRAME
470
MENU BAR OR NAVIGATION FRAME
472
CONTENT FRAME
481
483
HEADER
HEADER
HEADER
ITEM
ITEM
ITEM
ITEM
HEADER
ITEM
ITEM
485
487
491
492
493
495
496
490
497
498
494
499
500
474
476
478
JSCODE FRAME (FOOTER)
TEMP DATA FRAME
REQ DATA FRAME

FIG. 4

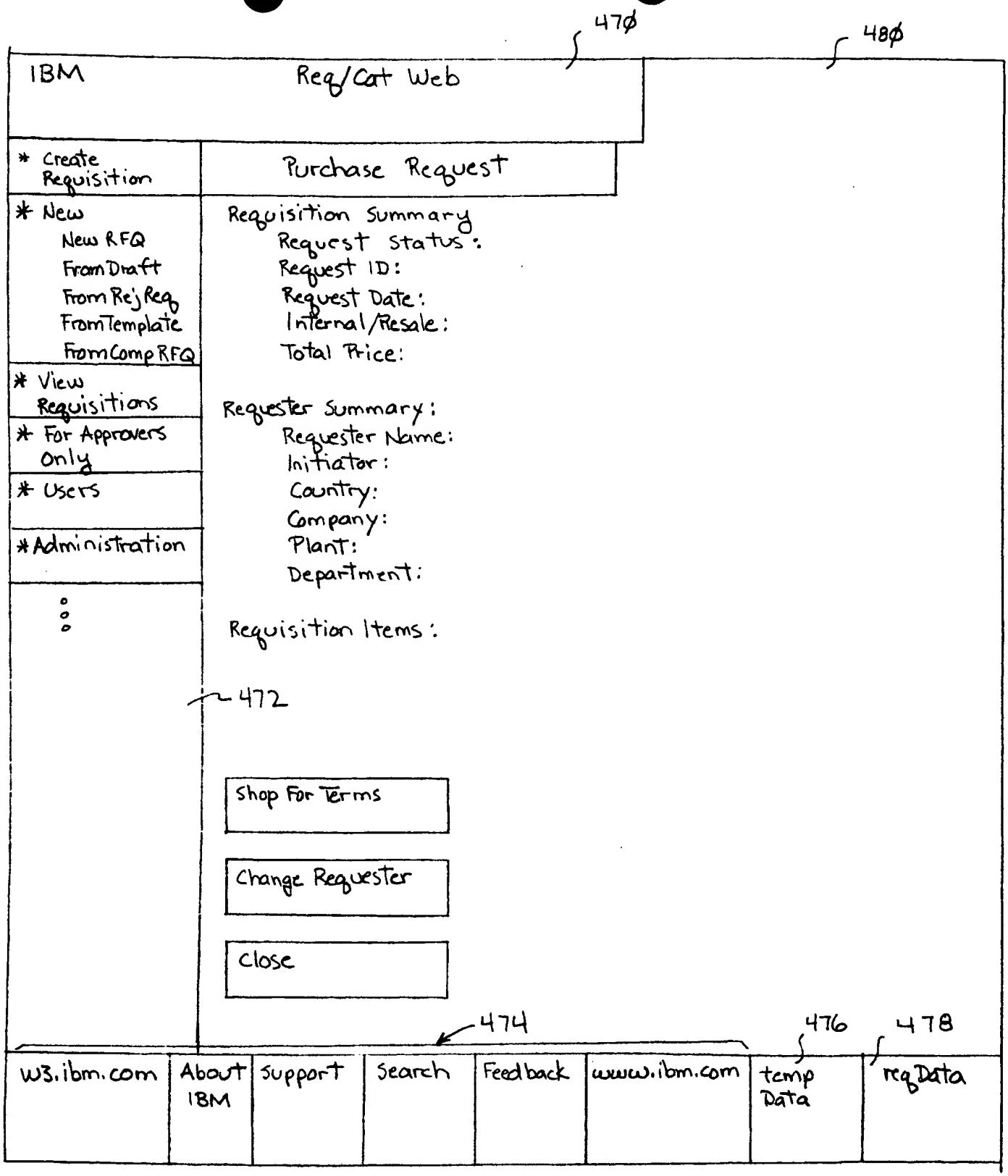
470
480
IBM
Req/Cat Web
* Create Requisition
* New
New RFQ
From Draft
From Rej Req
From Template
From Comp RFQ
* View Requisitions
* For Approvers Only
* Users
* Administration
Purchase Request
Requisition Summary
Request Status:
Request ID:
Request Date:
Internal/Resale:
Total Price:
Requester Summary:
Requester Name:
Initiator:
Country:
Company:
Plant:
Department:
Requisition Items:
472
Shop For Terms
Change Requester
Close
474
476
478
w3.ibm.com
About IBM
support
Search
Feedback
www.ibm.com
temp Data
reqData

FIG. 5

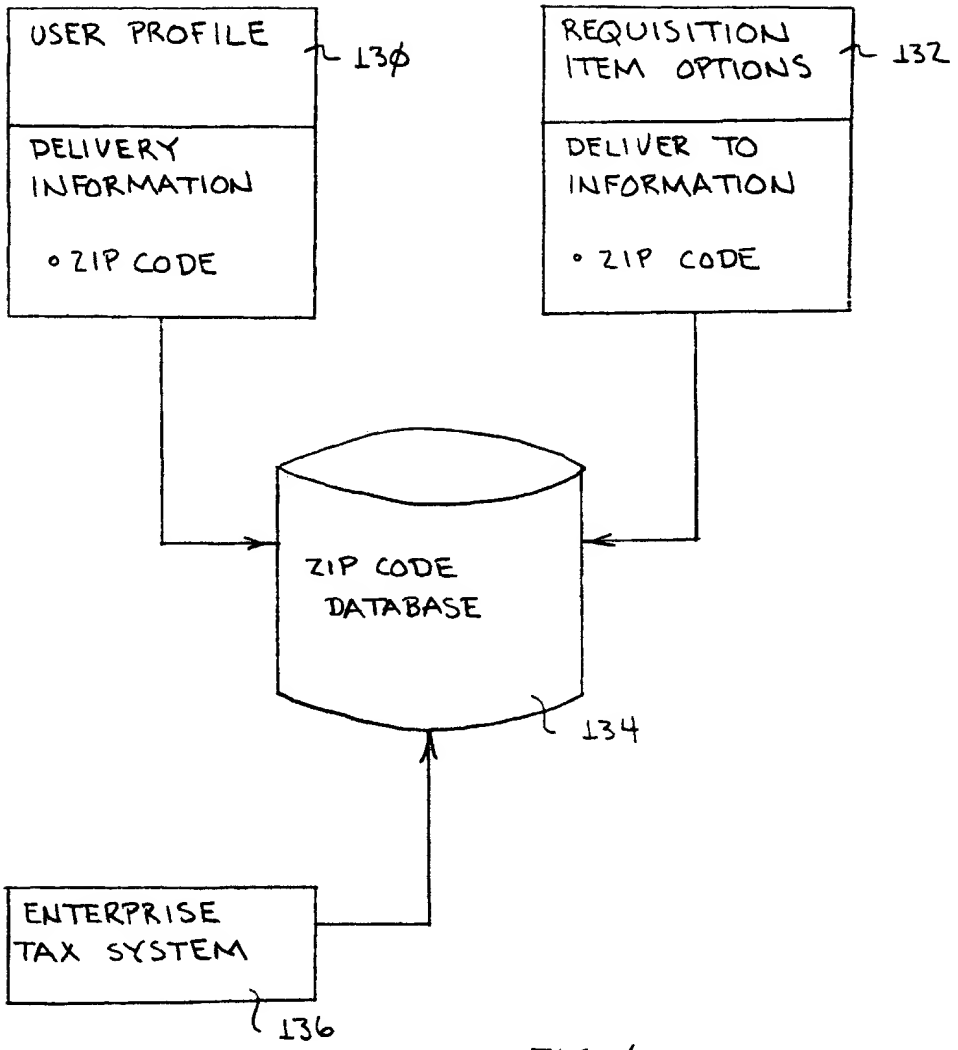
USER PROFILE
130
DELIVERY INFORMATION
• ZIP CODE
REQUISITION ITEM OPTIONS
132
DELIVER TO INFORMATION
• ZIP CODE
ZIP CODE DATABASE
134
ENTERPRISE TAX SYSTEM
136

FIG. 6

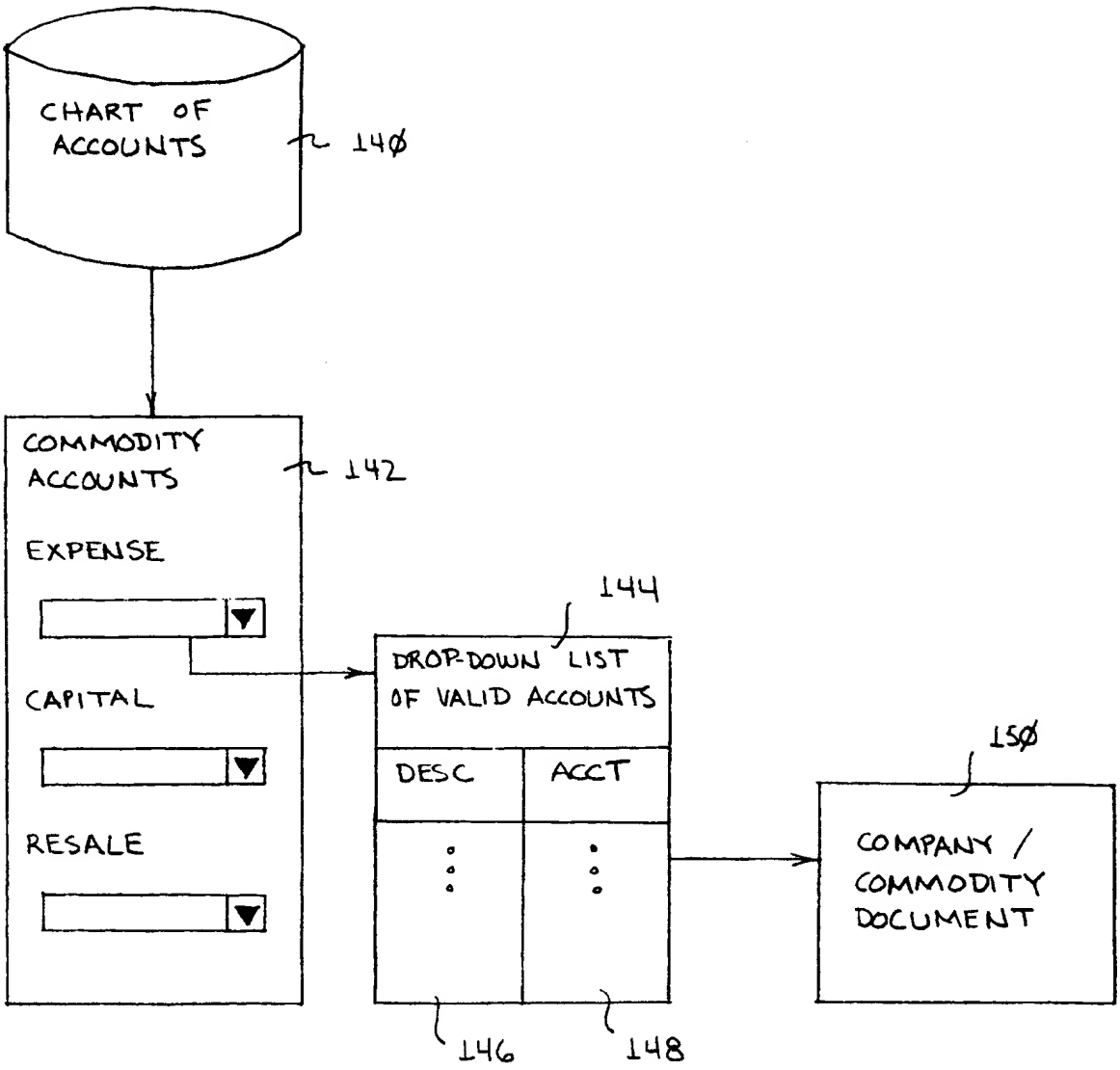
CHART OF ACCOUNTS
140
COMMODITY ACCOUNTS
142
EXPENSE
CAPITAL
RESALE
144
DROP-DOWN LIST OF VALID ACCOUNTS
DESC
ACCT
150
COMPANY / COMMODITY DOCUMENT
146
148

FIG. 7

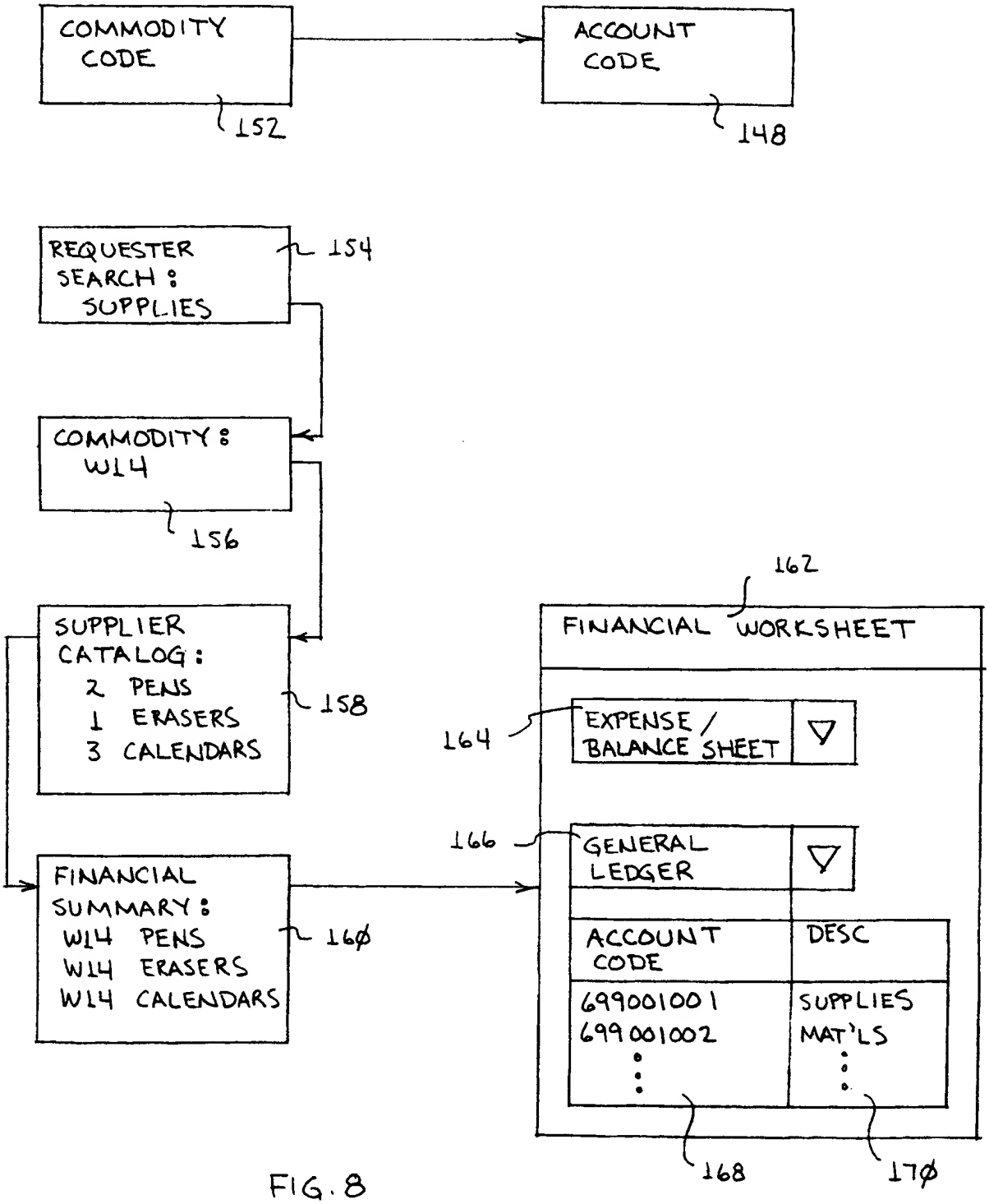
COMMODITY CODE
152
ACCOUNT CODE
148
REQUESTER SEARCH: SUPPLIES
154
COMMODITY: W14
156
SUPPLIER CATALOG:
2 PENS
1 ERASERS
3 CALENDARS
158
FINANCIAL SUMMARY:
W14 PENS
W14 ERASERS
W14 CALENDARS
160
162
FINANCIAL WORKSHEET
164
EXPENSE / BALANCE SHEET
166
GENERAL LEDGER
ACCOUNT CODE
DESC
699001001
699001002
SUPPLIES MAT'LS
168
170

FIG. 8

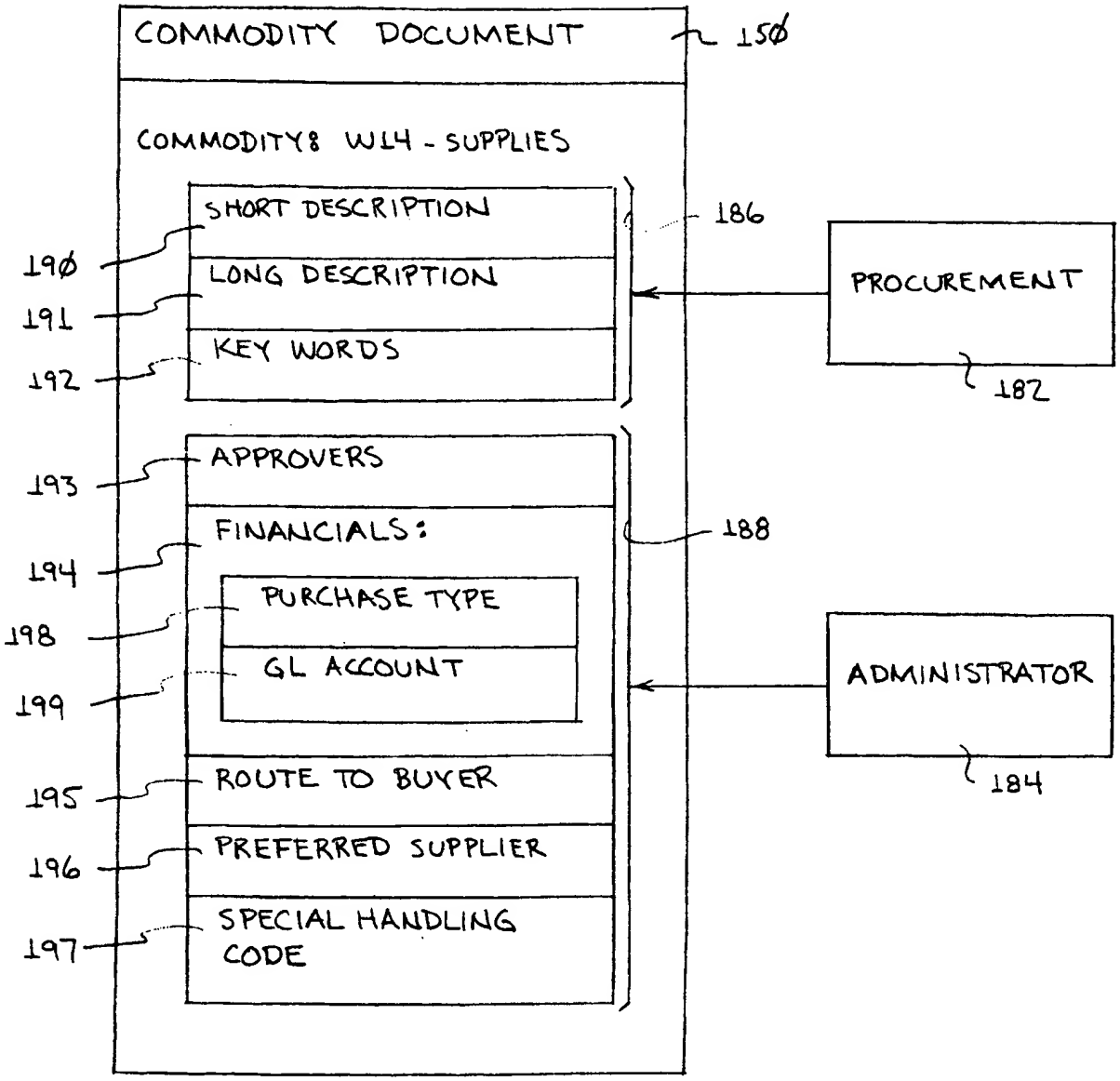
COMMODITY DOCUMENT
150
COMMODITY: WL4 - SUPPLIES
SHORT DESCRIPTION
LONG DESCRIPTION
KEY WORDS
186
190
191
192
PROCUREMENT
187
APPROVERS
FINANCIALS:
PURCHASE TYPE
GL ACCOUNT
188
193
194
198
199
ADMINISTRATOR
184
ROUTE TO BUYER
PREFERRED SUPPLIER
SPECIAL HANDLING CODE
195
196
197

FIG. 9

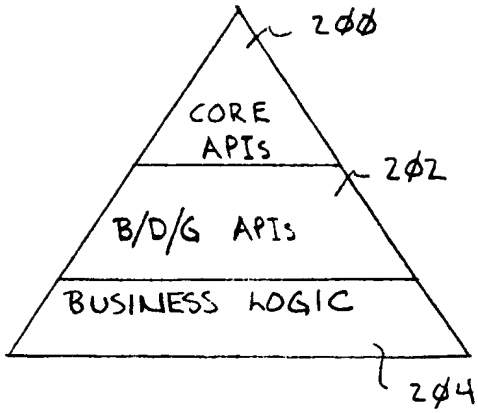
200
CORE APIs
202
B/D/G APIs
BUSINESS LOGIC
204

FIG. 10

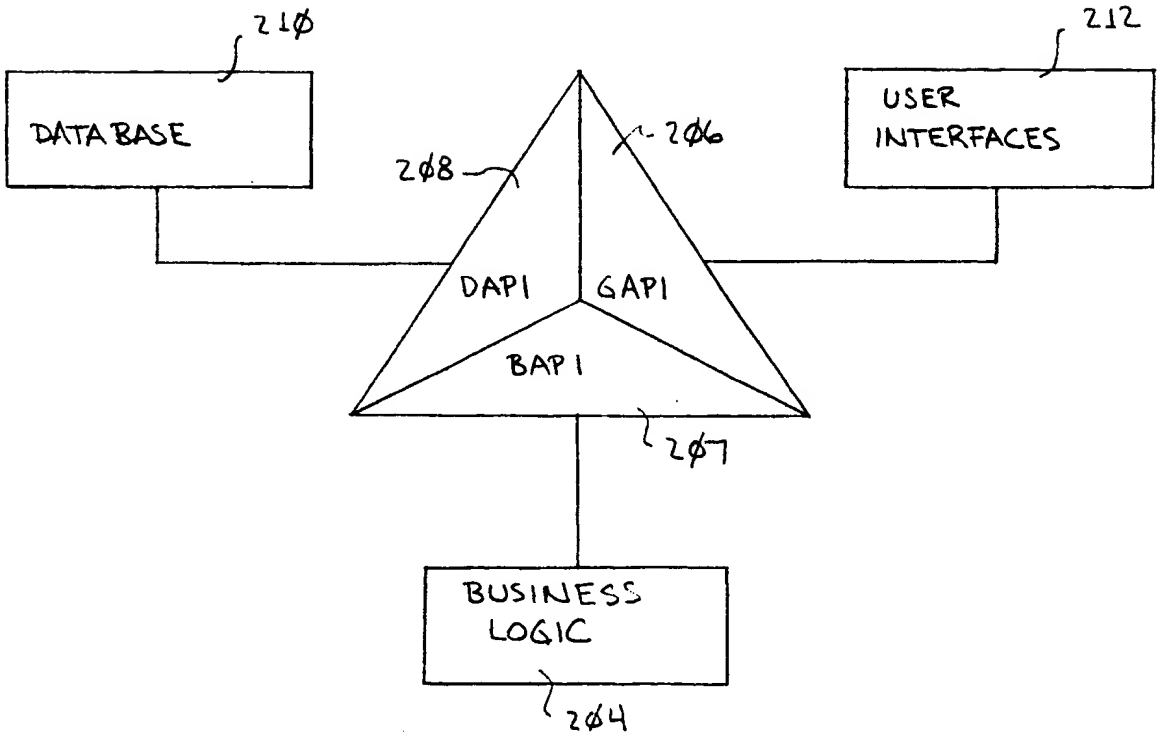
210
DATABASE
212
USER INTERFACES
208
206
DAPI
GAPI
BAPI
207
BUSINESS LOGIC
204

FIG. 11

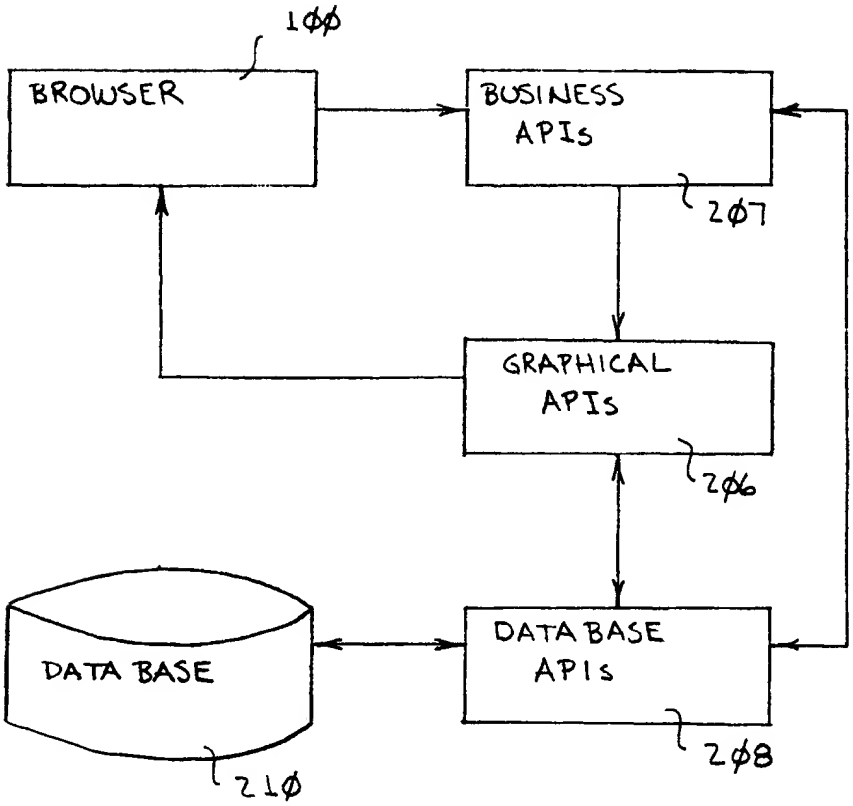
100
BROWSER
BUSINESS APIs
207
GRAPHICAL APIs
206
DATA BASE
210
DATA BASE APIs
208

FIG. 12

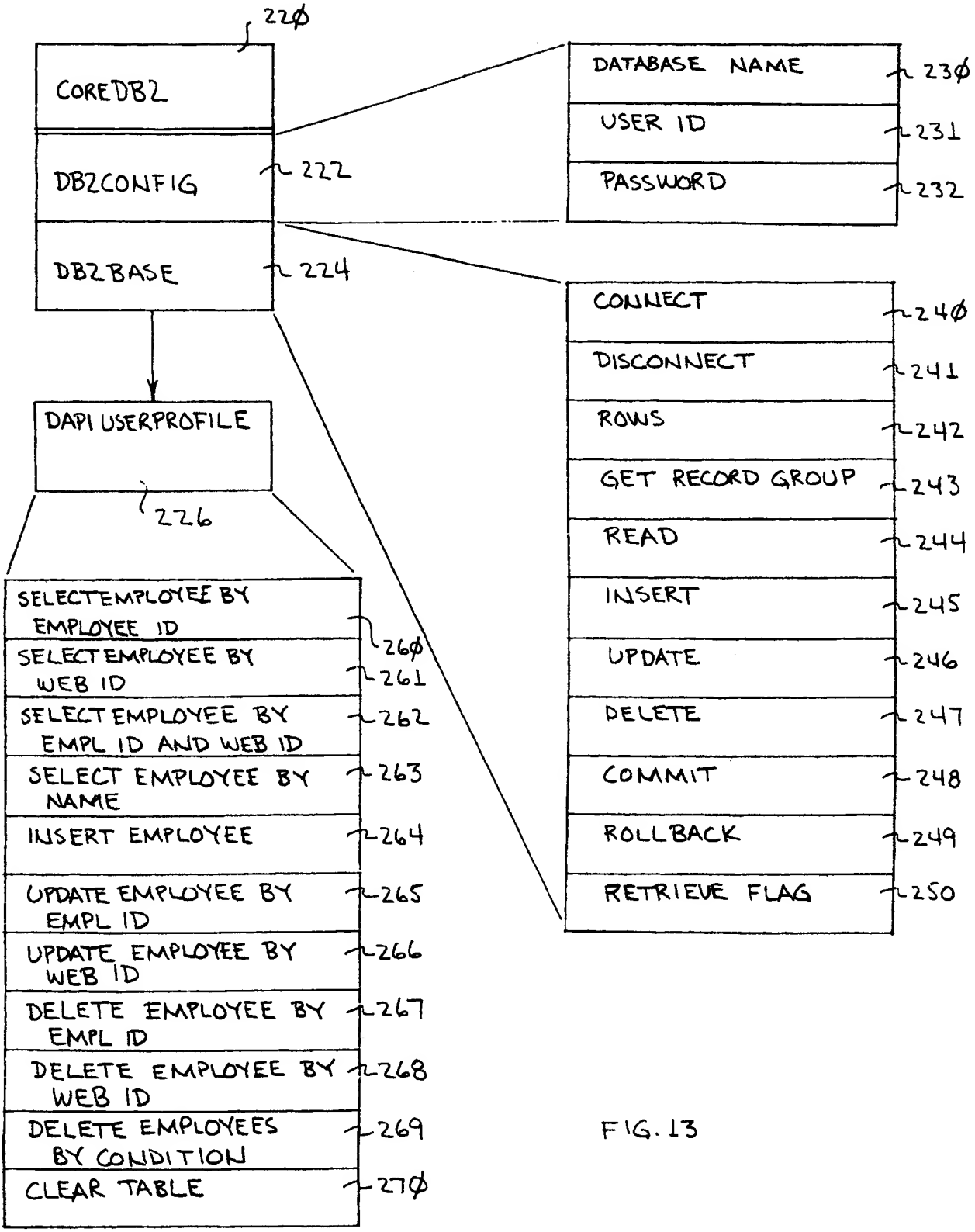
220
CORE DB2
DB2CONFIG
222
DB2BASE
224
DATABASE NAME
230
USER ID
231
PASSWORD
232
CONNECT
240
DISCONNECT
241
ROWS
242
GET RECORD GROUP
243
READ
244
INSERT
245
UPDATE
246
DELETE
247
COMMIT
248
ROLLBACK
249
RETRIEVE FLAG
250
DAPI USERPROFILE
226
SELECT EMPLOYEE BY EMPLOYEE ID
260
SELECT EMPLOYEE BY WEB ID
261
SELECT EMPLOYEE BY EMPL ID AND WEB ID
262
SELECT EMPLOYEE BY NAME
263
INSERT EMPLOYEE
264
UPDATE EMPLOYEE BY EMPL ID
265
UPDATE EMPLOYEE BY WEB ID
266
DELETE EMPLOYEE BY EMPL ID
267
DELETE EMPLOYEE BY WEB ID
268
DELETE EMPLOYEES BY CONDITION
269
CLEAR TABLE
270

FIG. 13

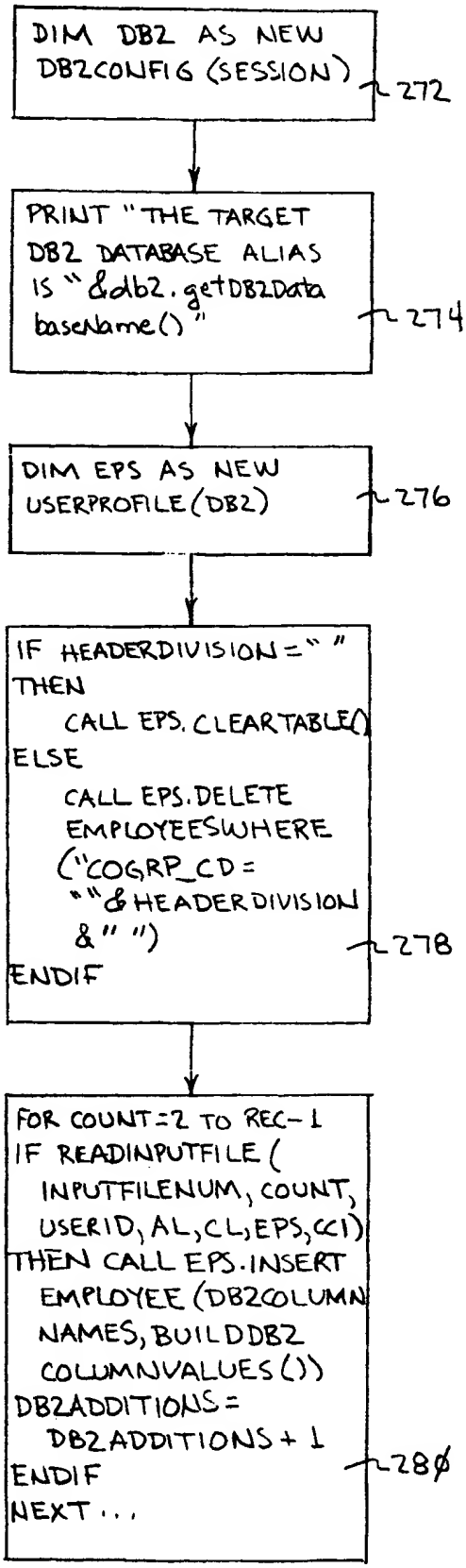
DIM DB2 AS NEW DB2CONFIG (SESSION)
272
PRINT "THE TARGET DB2 DATABASE ALIAS IS "&db2.getDB2Database()"
274
DIM EPS AS NEW USERPROFILE(DB2)
276
IF HEADERDIVISION = " "
THEN
CALL EPS.CLEARTABLE()
ELSE
CALL EPS.DELETE EMPLOYEESWHERE ("COGRP_CD = "&HEADERDIVISION &" ")
278
ENDIF
FOR COUNT=2 TO REC-1
IF READINPUTFILE (INPUTFILENUM, COUNT, USERID, AL, CL, EPS, CC1)
THEN CALL EPS.INSERT EMPLOYEE (DB2COLUMN NAMES, BUILDDB2 COLUMNVALUES())
DB2ADDITIONS = DB2ADDITIONS + 1
ENDIF
NEXT . . .
280

FIG. 14

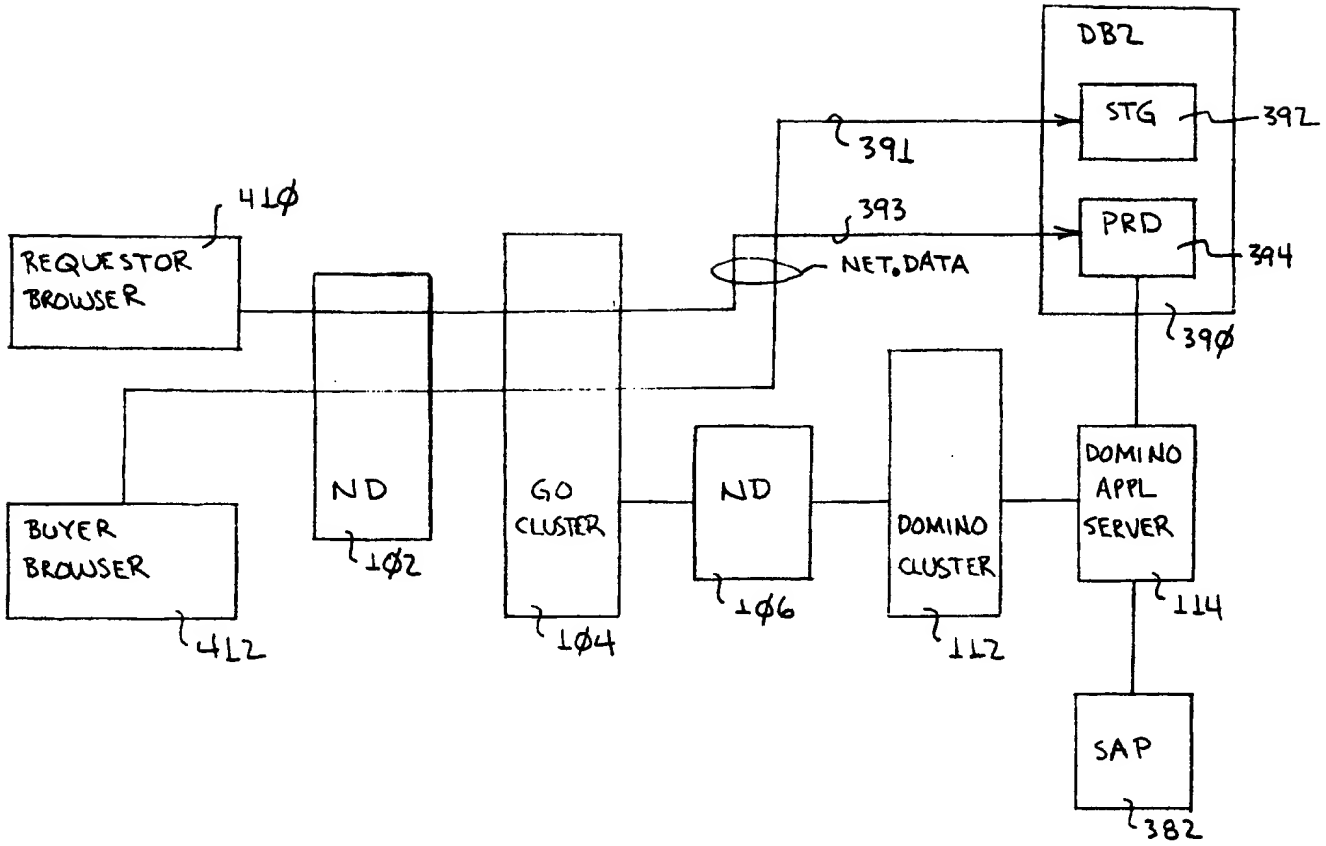
DB2
STG
392
391
393
PRD
394
NET.DATA
390
410
REQUESTOR BROWSER
ND
102
GO CLUSTER
104
ND
106
DOMINO CLUSTER
112
DOMINO APPL SERVER
114
BUYER BROWSER
412
SAP
382

FIG. 15

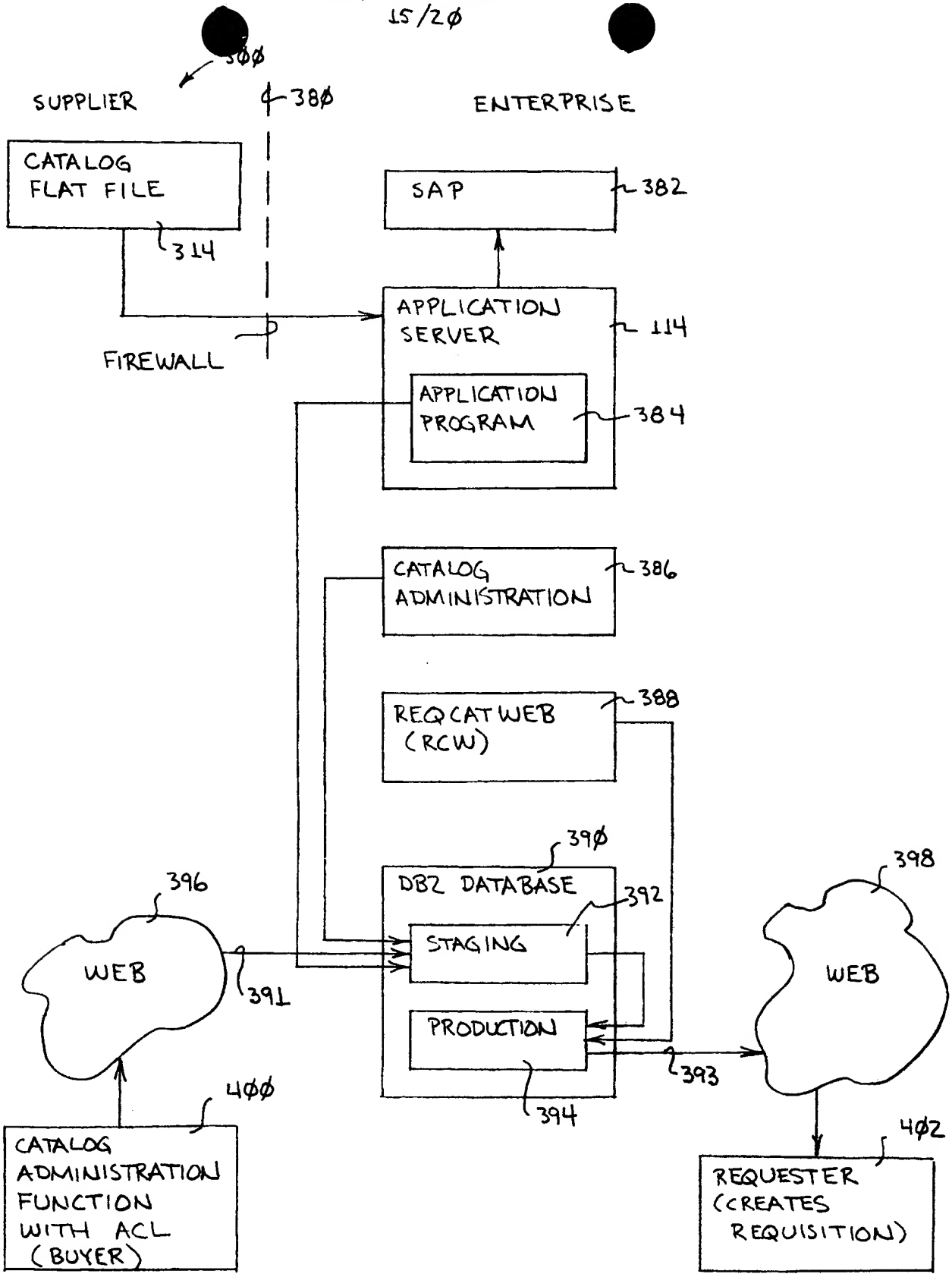
300
SUPPLIER
380
ENTERPRISE
CATALOG FLAT FILE
314
SAP
382
APPLICATION SERVER
114
FIREWALL
APPLICATION PROGRAM
384
CATALOG ADMINISTRATION
386
REQCATWEB (RCW)
388
390
DB2 DATABASE
392
396
WEB
391
STAGING
PRODUCTION
393
394
398
WEB
400
CATALOG ADMINISTRATION FUNCTION WITH ACL (BUYER)
402
REQUESTER (CREATES REQUISITION)

FIG. 16

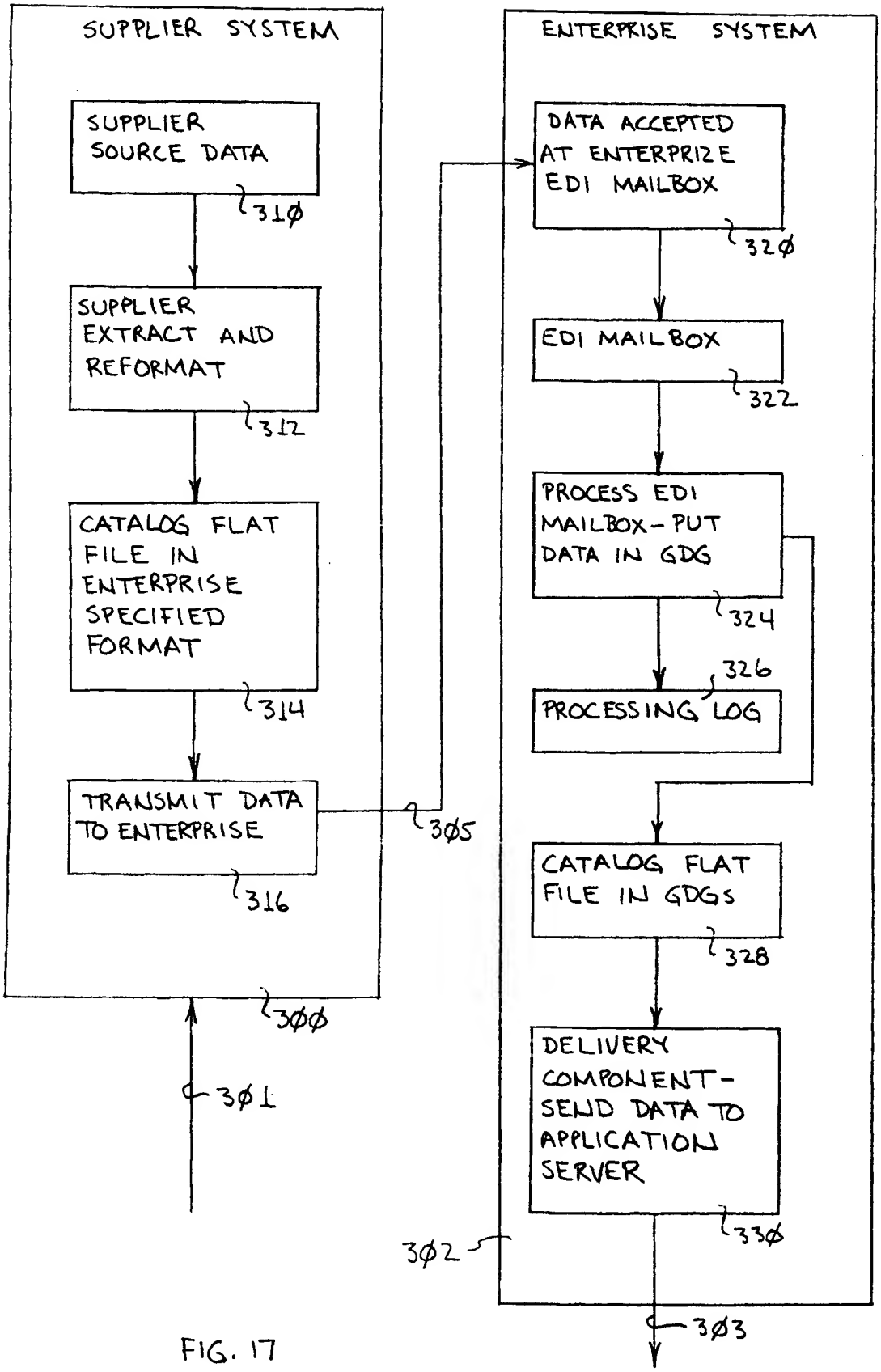
SUPPLIER SYSTEM
SUPPLIER SOURCE DATA
310
SUPPLIER EXTRACT AND REFORMAT
312
CATALOG FLAT FILE IN ENTERPRISE SPECIFIED FORMAT
314
TRANSMIT DATA TO ENTERPRISE
316
305
300
301
ENTERPRISE SYSTEM
DATA ACCEPTED AT ENTERPRIZE EDI MAILBOX
320
EDI MAILBOX
322
PROCESS EDI MAILBOX - PUT DATA IN GDG
324
326
PROCESSING LOG
CATALOG FLAT FILE IN GDGs
328
DELIVERY COMPONENT - SEND DATA TO APPLICATION SERVER
330
302
303

FIG. 17

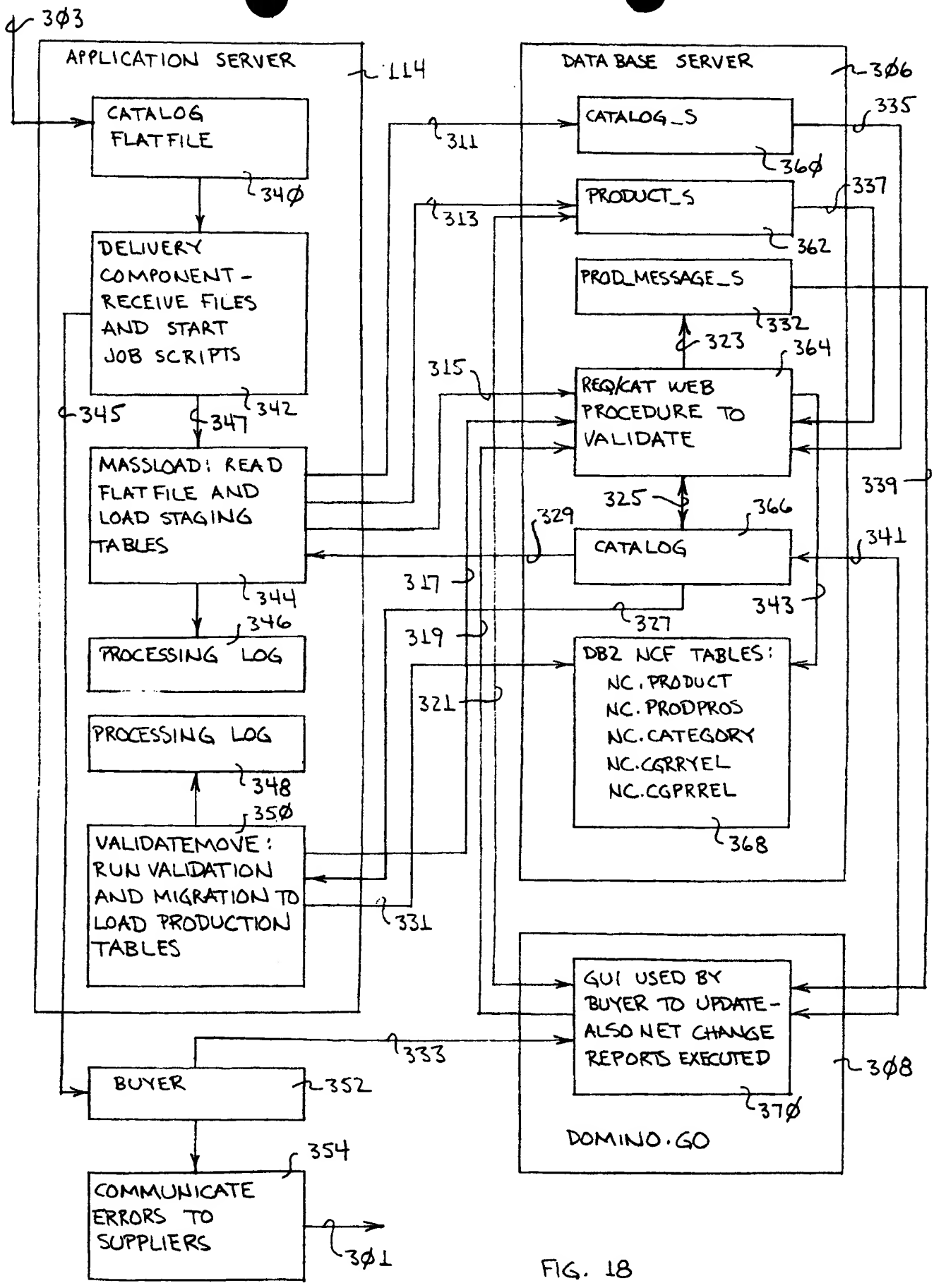
303
APPLICATION SERVER
114
DATA BASE SERVER
306
CATALOG FLAT FILE
340
DELIVERY COMPONENT - RECEIVE FILES AND START JOB SCRIPTS
342
345
347
MASSLOAD: READ FLAT FILE AND LOAD STAGING TABLES
344
PROCESSING LOG
346
PROCESSING LOG
348
VALIDATEMOVE: RUN VALIDATION AND MIGRATION TO LOAD PRODUCTION TABLES
350
331
BUYER
352
COMMUNICATE ERRORS TO SUPPLIERS
354
301
CATALOG_S
360
335
PRODUCT_S
362
337
PROD_MESSAGE_S
332
323
REQ/CAT WEB PROCEDURE TO VALIDATE
364
315
325
339
CATALOG
366
329
341
317
343
327
319
DB2 NCF TABLES:
NC.PRODUCT
NC.PRODPROS
NC.CATEGORY
NC.CGRRYEL
NC.CGPRREL
368
321
311
313
333
GUI USED BY BUYER TO UPDATE - ALSO NET CHANGE REPORTS EXECUTED
370
308
DOMINO.GO

FIG. 18

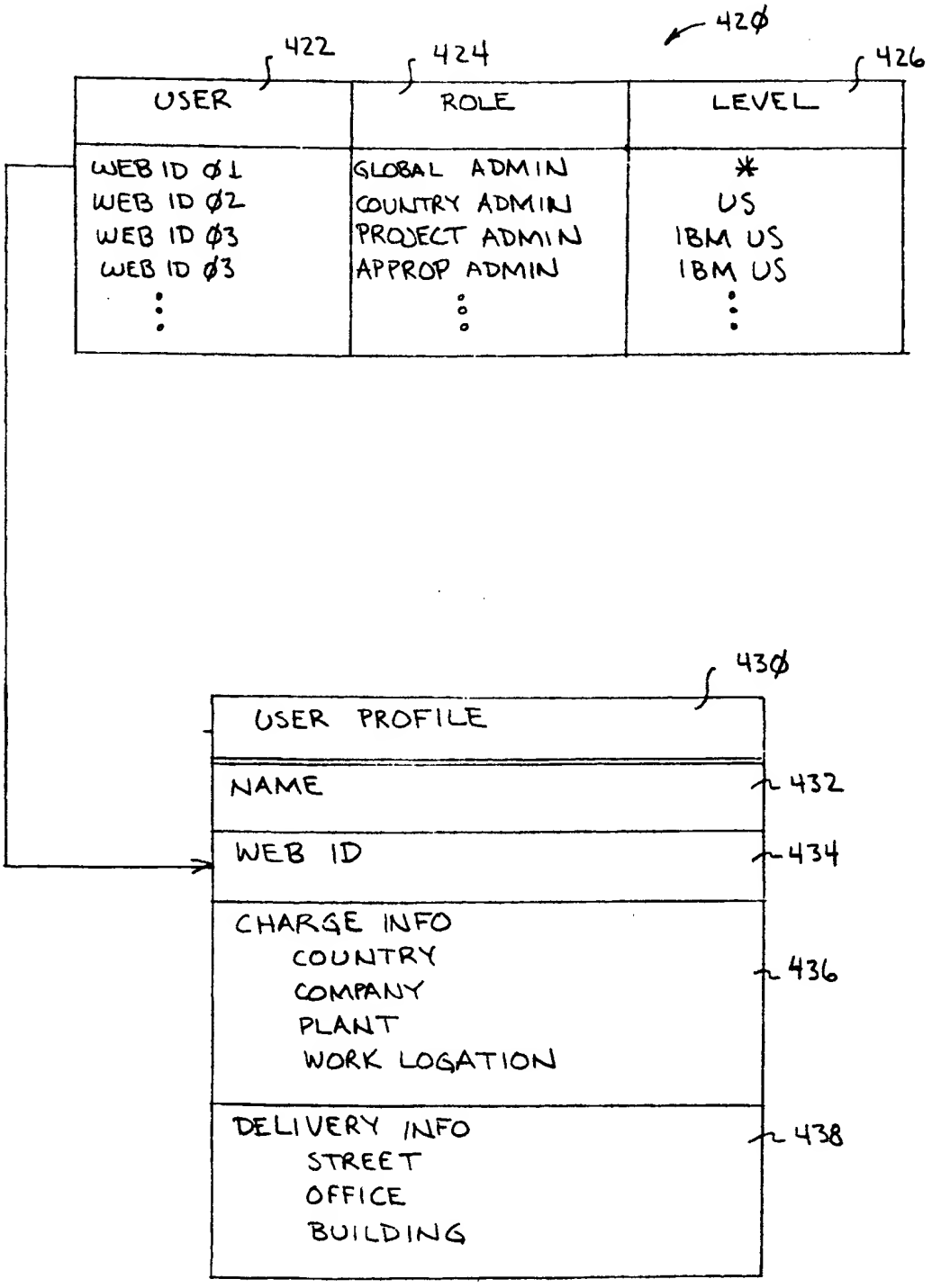
420
422
424
426
USER
ROLE
LEVEL
WEB ID 01
WEB ID 02
WEB ID 03
WEB ID 03
GLOBAL ADMIN
COUNTRY ADMIN
PROJECT ADMIN
APPROP ADMIN
*
US
IBM US
IBM US
430
USER PROFILE
NAME
432
WEB ID
434
CHARGE INFO
COUNTRY
COMPANY
PLANT
WORK LOCATION
436
DELIVERY INFO
STREET
OFFICE
BUILDING
438

FIG. 19

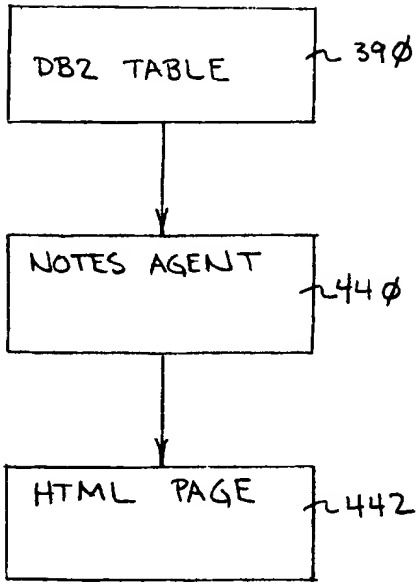

FIG. 20

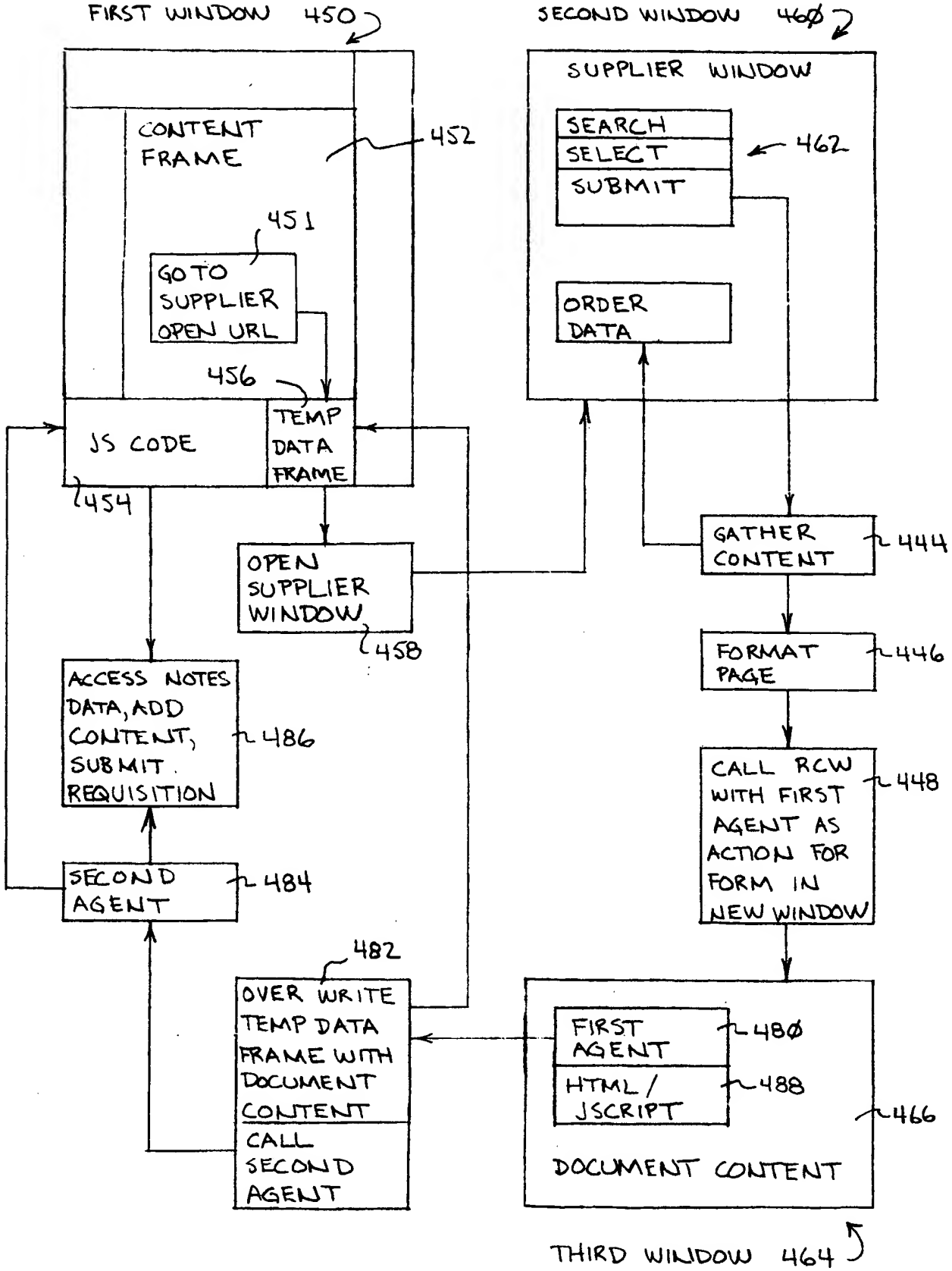
FIRST WINDOW 450
SECOND WINDOW 460
SUPPLIER WINDOW
CONTENT FRAME
452
SEARCH
SELECT
SUBMIT
462
451
GO TO SUPPLIER OPEN URL
ORDER DATA
456
JS CODE
TEMP DATA FRAME
454
OPEN SUPPLIER WINDOW
458
GATHER CONTENT
444
FORMAT PAGE
446
ACCESS NOTES DATA, ADD CONTENT, SUBMIT REQUISITION
486
CALL RCW WITH FIRST AGENT AS ACTION FOR FORM IN NEW WINDOW
448
SECOND AGENT
484
482
OVER WRITE TEMP DATA FRAME WITH DOCUMENT CONTENT
CALL SECOND AGENT
FIRST AGENT
480
HTML / JSCRIPT
488
466
DOCUMENT CONTENT
THIRD WINDOW 464

FIG. 21